



**MONTGOMERY COUNTY FIRE AND RESCUE SERVICE  
DRIVER/OPERATOR TRAINING PROGRAM**

**APPARATUS TRAINING COMPETENCIES  
Rescue Engine 709**

**Trainee Name:** \_\_\_\_\_ **ID#:** \_\_\_\_\_

**Station/Shift or Dept:** \_\_\_\_\_ **Start Date:** \_\_\_\_\_

**Trainer Name:** \_\_\_\_\_ **ID#:** \_\_\_\_\_

**Station OIC Name:** \_\_\_\_\_ **ID#:** \_\_\_\_\_

**Performance Operational Check-out (Per Policy 23-07AMII, Section 5.C.b.)**

<b>Unit ID: RE709</b>	<b>Stock #: 07-5889</b>	<b>Make: Spartan/4Guys</b>	<b>Year: 2007</b>
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<b>Competencies Completion Signatures</b>	
<b>Trainee Signature:</b> _____	<b>Date:</b> _____
<b>Trainer Signature:</b> _____	<b>Date:</b> _____
<b>Station OIC Signature:</b> _____	<b>Date:</b> _____
<b>HVFD OIC Signature:</b> _____	<b>Date:</b> _____

**Copy of Completed form to Driver, Station 09 OIC, LFRD,  
MCFRTA Driving Coordinator**



# Apparatus Training Competencies

**Trainee Name:** enter trainee

**Unit ID:** RE709    **Stock #:** 07-5889

Section	Competency	Trainer Signature	Date
<b>1.0</b>	<b>Pre-Requisites</b>		
1.1	Valid Maryland Class “B” License or out-of-state equivalent or Class “B” Driver Course as required by FRC Policy 23-07AMII.		
1.2	MCFRS Certified Engine Driver		
1.3	MCFRTA Rescue Technician Course, Practical Rescue or equivalency.		
1.4	MCFRS Tandem Axle Driver		
<b>2.0</b>	<b>Vehicle Inspection and Driving Preparation (NFPA 1002)</b>		
2.1	Trainee will explain how to perform a complete emergency vehicle inspection, make minor adjustments, schedule routine maintenance, and complete required documentation.		
2.2	Trainee will successfully identify major motor vehicle components.		
2.3	Trainee will successfully explain precautions to take before moving the vehicle.		
2.4	Trainee will successfully conduct an inspection at the station using the inspection checklist.		
2.5	Trainee will explain the apparatus and equipment defect reporting procedure for assigned station.		
2.6	Trainee will identify the vehicle height, weight, length and width of the vehicle.		
<b>3.0</b>	<b>Overhead Door Operation</b>		
3.1	The trainee will demonstrate knowledge of how the overhead doors at Station 9 operate.		
3.2	Explain the use of the remote control for the overhead doors.		
3.3	Explain the use of the traffic light controller.		
<b>4.0</b>	<b>Fueling Procedures</b>		
4.1	The trainee will demonstrate knowledge of the proper procedure for fueling the unit at Station 9 and document use.		



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4.2	The trainee will demonstrate knowledge of the proper fueling procedure at a County Fuel Depot.		
<b>5.0</b>	<b>Ground Ladders</b>		
5.1	Trainee will be able to identify and be familiar with all ground ladders carried on the apparatus.		
	a) General defects		
	b) Damage		
	c) Halyards condition		
	d) Heat Sensor condition		
<b>6.0</b>	<b>Electrical Systems &amp; Components</b>		
6.2	Trainee will demonstrate proficiency in the knowledge and use of the following electrical components (as applicable):		
	Onboard Generator		
	a) Capacity		
	b) Operation		
	All Portable Generators		
	a) Capacity		
	b) Operation		
	c) Fuel		
	Flood Lights		
	Portable Lights		
	Fans		
	Electric Cord Reels		
	a) Length of Fixed Reels		
	b) Length of Portable Reels		
	Reciprocating Saws		
	a) Type of Blades		
	b) Operation		
6.3	Trainee will demonstrate the knowledge and location of the electrical panel box.		
<b>7.0</b>	<b>Apparatus Inventory</b>		
	Trainee will demonstrate knowledge of apparatus inventory.		



## Apparatus Training Competencies

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<b>8.0</b>	<b>Technical Rescue Equipment</b>		
8.1	Trainee will demonstrate the proper lashing technique for the stokes basket		
8.2	Trainee will demonstrate 2 different anchoring types for systems		
8.3	Trainee will demonstrate how to do 2 different hauling systems		
8.4	Trainee will demonstrate how to set a belay system		
8.5	Trainee will demonstrate how to ascend on rope		
8.6	Trainee will demonstrate the use of the stokes bridle system on the stokes and rescuer		
<b>9.0</b>	<b>Gas Powered Equipment Operation And Maintenance</b>		
9.1	Trainee will demonstrate proficiency in the operation and maintenance of all gas powered equipment		
	a) Cutters Edge saw/ Chain Saw		
	b) PPV Fan		
	c) Honda Generator and Gen Light		
	d) Partner Saw		
	1. Operation of saw utilizing all safety procedures		
	2. Type of fuel used in saw		
	3. Different blades used on saws and there use		
	4. Demonstrate how to change saw blade		
	e) Portable Gas Winch		
<b>10.0</b>	<b>Hydraulic Tools and Equipment</b>		
10.1	Trainee will demonstrate proficiency in knowledge and use of the hydraulic rescue power tools		



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Section	Competency	Trainer Signature	Date
10.2	On board power plants - electric		
	a) Hydraulic fluid access and proper levels and types of fluid used		
	b) Lengths of hose and coils carried on units and limitations when running in series		
	c) Proper technique to connect hoses to plants and in line		
	d) Maintenance procedures electric powered plants		
<b>11.0</b>	<b>CAFS Operation and Maintenance Procedure</b>		
11.1	Controls and Indicators		
	a) Trainee will explain and identify the Master Duplex Gauge and how it operates		
	b) Trainee will identify and explain master suction gauge		
	c) Explain the operation and use of the Foam Logix Control Push Button Display and what it does		
	d) Explain the operation and use of the Hale CAFSPro Display		
	e) Identify the Audible alarm and explain the warnings it indicates		
	f) Explain differences in black and red needles and what happens to the water pressure and air pressure when discharges are closed		
11.2	Basic Operations of Hale CafsPro System		
	a) Demonstrate the procedure how to turn off the CAFSPro and Foamlogix		
	b) Give a basic description of the basic parts and components of the CAFSPro Pump		
	c) Demonstrate how the CafsPro and FoamLogix Push Button display work		
	d) Explain how to get the different types of foam solutions		
	e) Describe how the compressor works and what the precautions are when idling		



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Section	Competency	Trainer Signature	Date
11.3	Describe the Safety precautions the operator needs to be aware of when using CAFSPRO		
11.4	CAFSPRO Operating Procedures		
	a) Describe the operation of the pump when operating from different types of sources		
11.5	Demonstrate the procedures for operating the CAFSPRO Pump		
11.6	Demonstrate the proper procedure for system shutdown of the CAFSPRO Pump		
11.7	Routine Maintenance Procedures		
	a) Demonstrate how to drain moisture from the oil reservoir separator		
	b) Describe how to inspect the oil and oil filter reservoir on the air compressor and separator		
	c) Describe indicators that the compressor belt is wearing or broken		
	d) Demonstrate routine checks and indicators of potential pump problems		
<b>12.0</b>	<b>Vehicle Stabilization</b>		
12.1	Rescue 42 Struts		
	a) Trainee will demonstrate the use of the Rescue 42 struts to stabilize a vehicle in the following scenarios:		
	1) vehicle on its side		
	2) vehicle on its roof		
	3) vehicle on vehicle or object		
12.2	Tie backs for vehicle on its side on roof or vehicle on vehicle		
	a) chain usage & capacities		
	b) Come a-longs use & capacities		



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12.3	Cribbing		
	a) Demonstrate use the use of cribbing in various situations to stabilize vehicles safely		
12.3	Demonstrate the use of the air bags and controllers		
	a) Demonstrate the proper technique to use airbags while maintaining vehicle stability		
12.4	Trainee will demonstrate the use of the winch system		
	a) Trainee will specify winch capacities		
	b) Discuss winch maintenance procedures		
<b>13.0</b>	<b>Plasma Cutter system</b>		
	a) Demonstrate maintenance of system including proper tip usage		
	b) Demonstrate system set-up		
	c) Demonstrate technique of cutting		
<b>14.0</b>	<b>Light Tower</b>		
	a) Demonstrate safe and proper deployment of tower		
	b) Discuss maintenance procedures		
<b>13.0</b>	<b>Driving Proficiency.</b>		
13.1	The trainee will successfully complete the cone course competencies.		
13.2	The trainee will successfully complete a minimum of 8 hours of driving on public rural and urban roadways. <i>(Attach the Driving Log to this form)</i>		
13.3	The trainee will complete <b>5 Safe Driver Behavior Evaluations</b> <i>(keep with originals)</i>		
<b>15.0</b>	<b>LFRD Verification</b>		
15.1	Upon completion of the drivers training package the LFRD Chief or designee should review and approve trainees drivers status on RE709 and sign Page 1 of this document		